

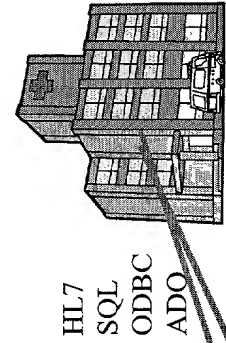
[illegible]

FIG. 2 is a block diagram of a simple LAN configuration for a medical imaging system. The system includes a server (36) and a network (38) connecting various medical imaging devices (22, 42, 44) and a workstation (40). The server (36) is connected to the network (38) and stores MedVizer Patient database files (32) and Volume - Images Objects that have been filed and captured (34). The network (38) connects the server (36) to the medical imaging devices (22, 42, 44) and the workstation (40). The medical imaging devices (22, 42, 44) are connected to the network (38) and can capture and store images. The workstation (40) is connected to the network (38) and can view and manage the images.

# Simple LAN Configuration – FIGURE 2

## PRIOR ART

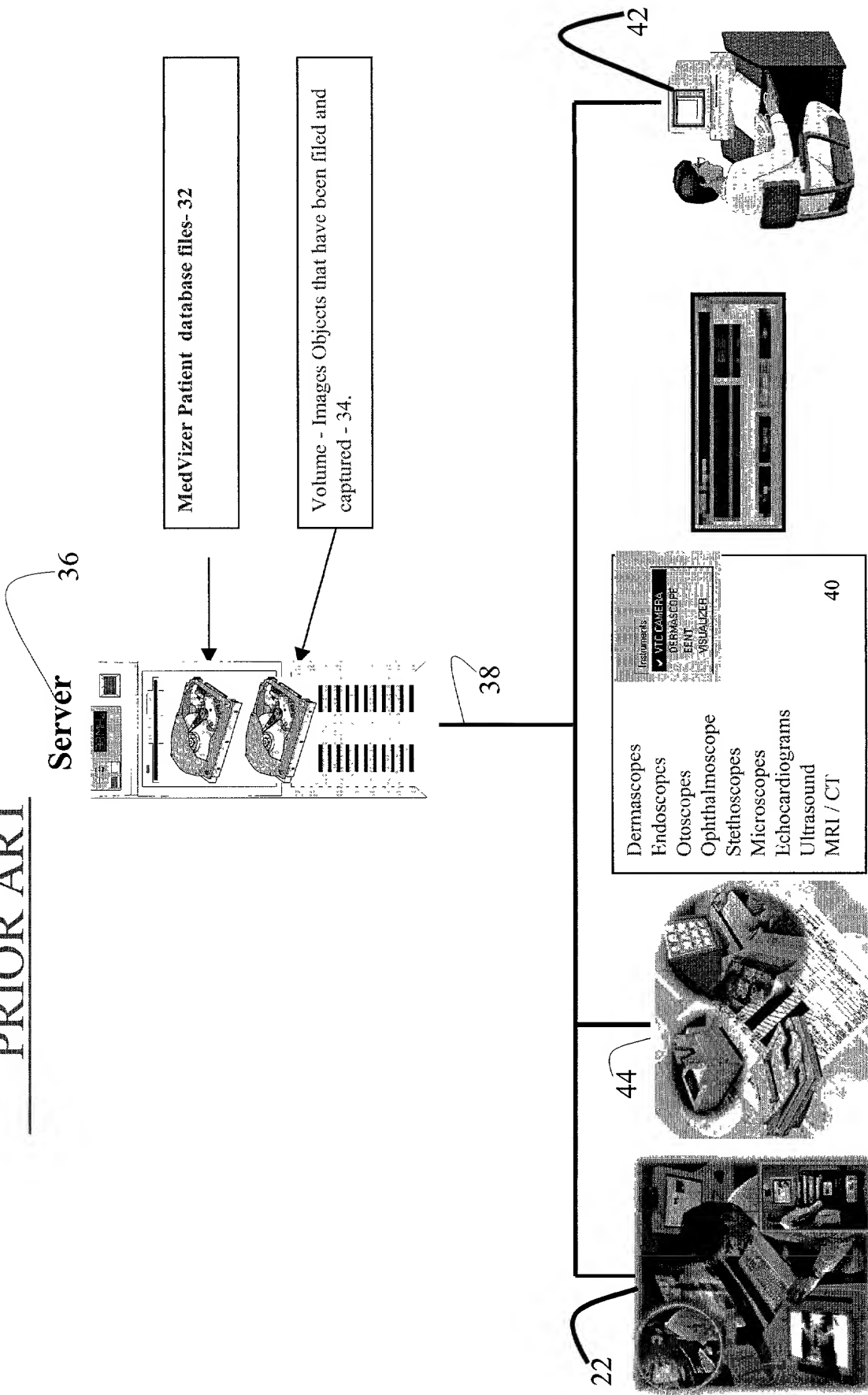


Figure 3 is a block diagram of the VITel Net Application 112. The diagram shows the following components and their interconnections:

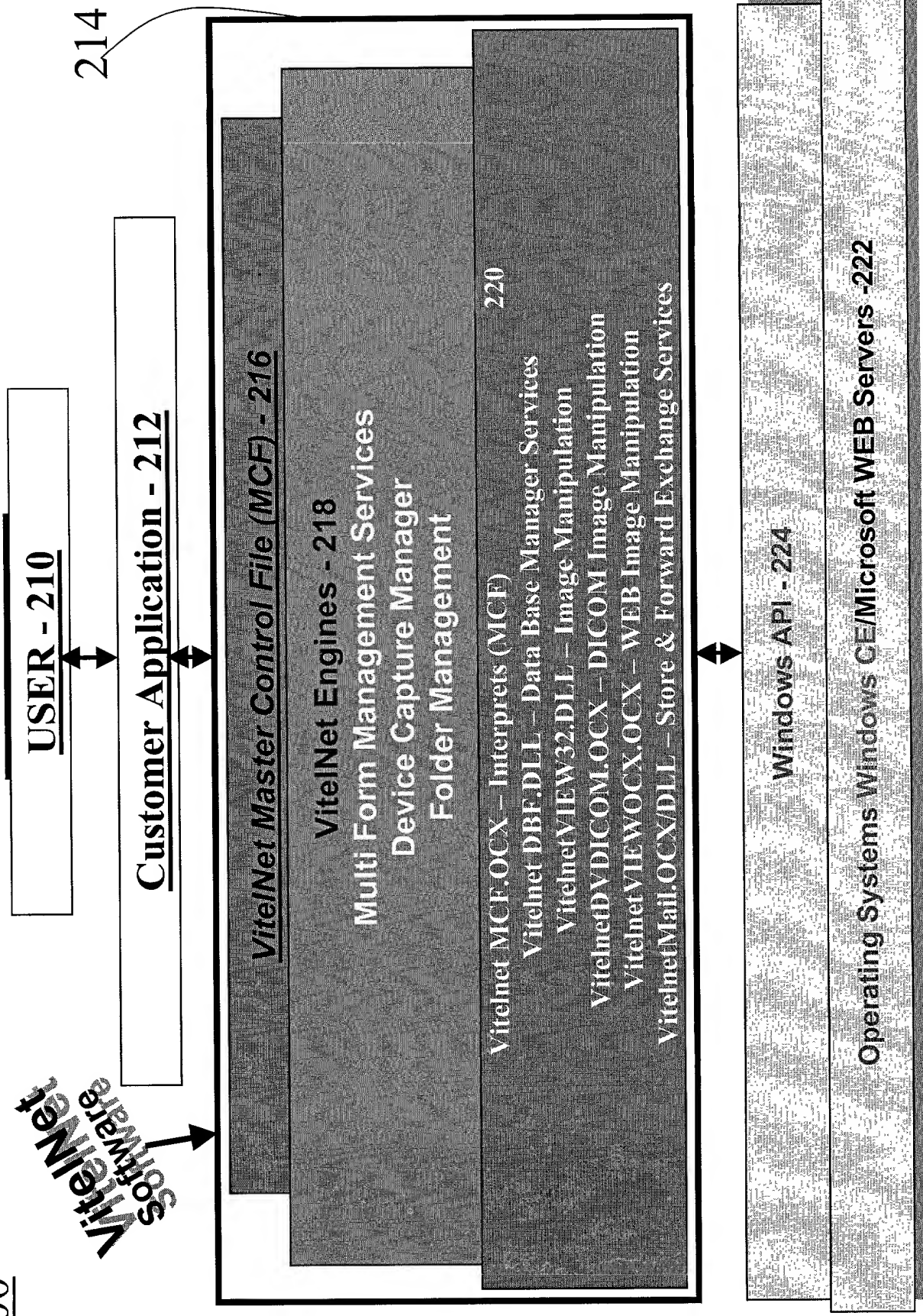
ViTel Net Application 112			
MNU 116	MCF 114	Database 118	
Visual Basic – VITEL NET ENGINE - 120			
Win32 API-122	OCX 124	DLL - 126	
Virtual Memory Manager -130	File System Manager - 132	Configuration Manager -128	
Kernel - 136			
Device drivers -138			
Hardware - 140			

FIGURE 3 –  
PRIOR ART

# VitelNet Application Architecture -

200

**FIGURE 4**



# VitelNet Application Architecture –

**FIGURE 5**





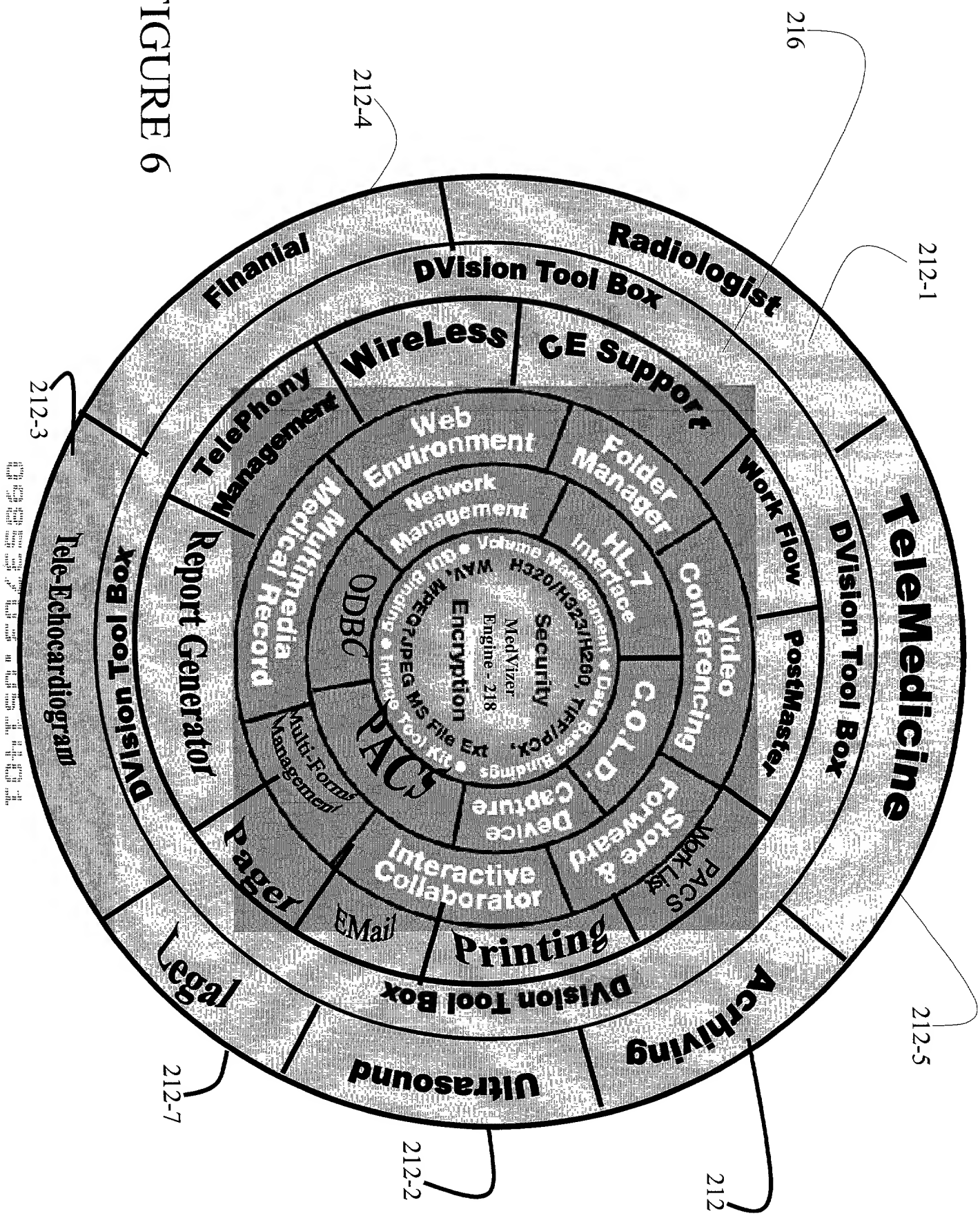


FIGURE 6

# FIGURE 7

Applications - 212		
Division Toolbox (MCF) - 216		
Printing Report Generator	PACS Worklist, Post Master, Email, Telephony Manager, Wireless, Workflow, Printing, Report Generator	Email, Telephony Manager, Wireless, Workflow, Printing, Report Generator
Data Entry	Interactive Collaboration, Video Conferencing, Folder Management, Multiform Management, Multimedia Record, Store-and-Forward, Data Entry	Folder Management, Multiform Management, Multimedia Record, Store-and-Forward, Data Entry
Network Protocol	ADO, C.O.L.D., HL7, ODBC, PACS Communication Protocol, SQL, Device Capture, Network Protocol	Device Capture, Network Protocol
Data Base Binding Image Processing DICOM, 12-Bit Images Security Encryption	Volume Management, Data Base Binding, Image Processing, DICOM (12-Bit Images), Security Encryption	Data Base Binding, Image Processing, DICOM (12-Bit Images), Security Encryption
Web Engine 218-2	WINDOWS 98, 2000, NT ENGINE 218-1	Pocket PC/WINDOWS CE ENGINE 218-3

230  
Utilities

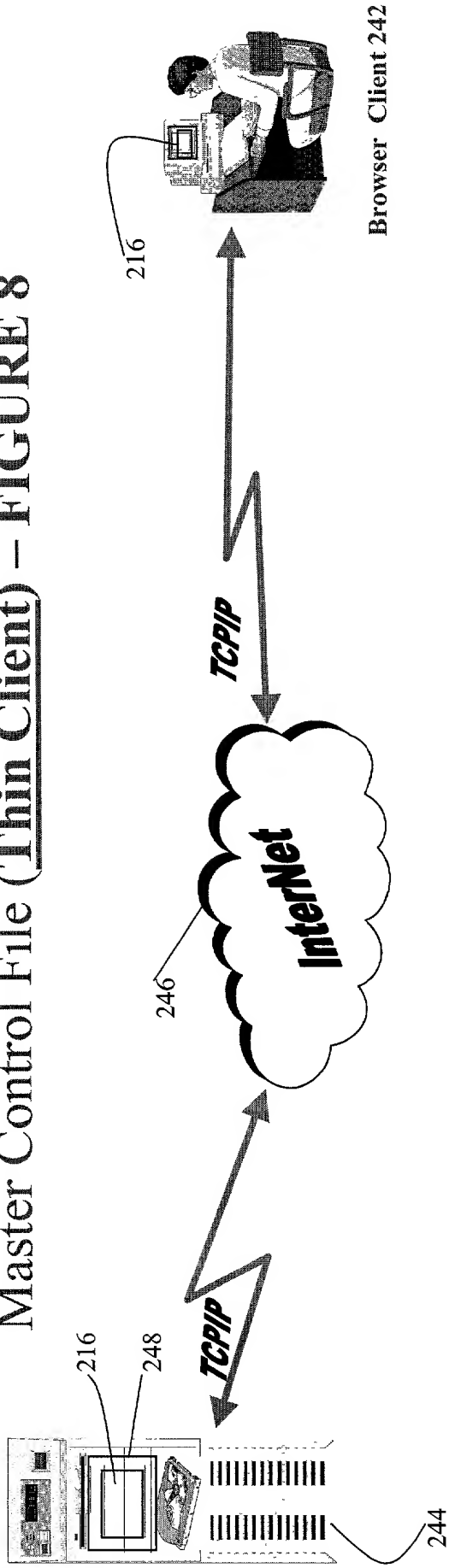
232  
Functions

234  
Interfaces

236

FIG. 8 is a block diagram of a thin client system in accordance with one embodiment of the present invention.

Master Control File (Thin Client) – FIGURE 8





Page 1 of 1  
Date: 11/11/2003  
Time: 11:11:11 AM  
User: admin

# Master Control File (MCF) – FIGURE 9

Form: \UITELNET\UNDEMO. MCF

UNDEMO. DBF

UNDEMO. PIN

216

FILE: C:\UITELNET\UNDEMO. MCF  
Options: F1= Edit

DBFLD01  
Length= 17; P= 10; F= 1; Alphanum; Skip;

DBFLD12  
Length= 12; P= 10; F= 1; Alphanum;

DBFLD15  
Length= 2; P= 10; F= 1; Alphanum;

TAB12  
Length= 50; P= 15; F= 1; Alphanum; Skip; List; Hidden;  
Dup src;

CONT12  
Length= 2; P= 10; F= 1; Alphanum; Skip;  
Dup dest;

ANHFOLD  
Length= 50; P= 15; F= 1; Alphanum; Skip; Locked; List; Hidden;

PHOTO  
Length= 50; P= 15; F= 1; Alphanum; Locked; List; Hidden;

MAUFOLD  
Length= 50; P= 15; F= 1; Alphanum; Skip; Locked; List; Hidden;

PRIVACYKEY  
Length= 10; P= 15; F= 1; Alphanum; Constant;

FILE:  
F1= Edit Merge File Name F2= Go to Field PrtSc= Print to LPT1 F10= Finished

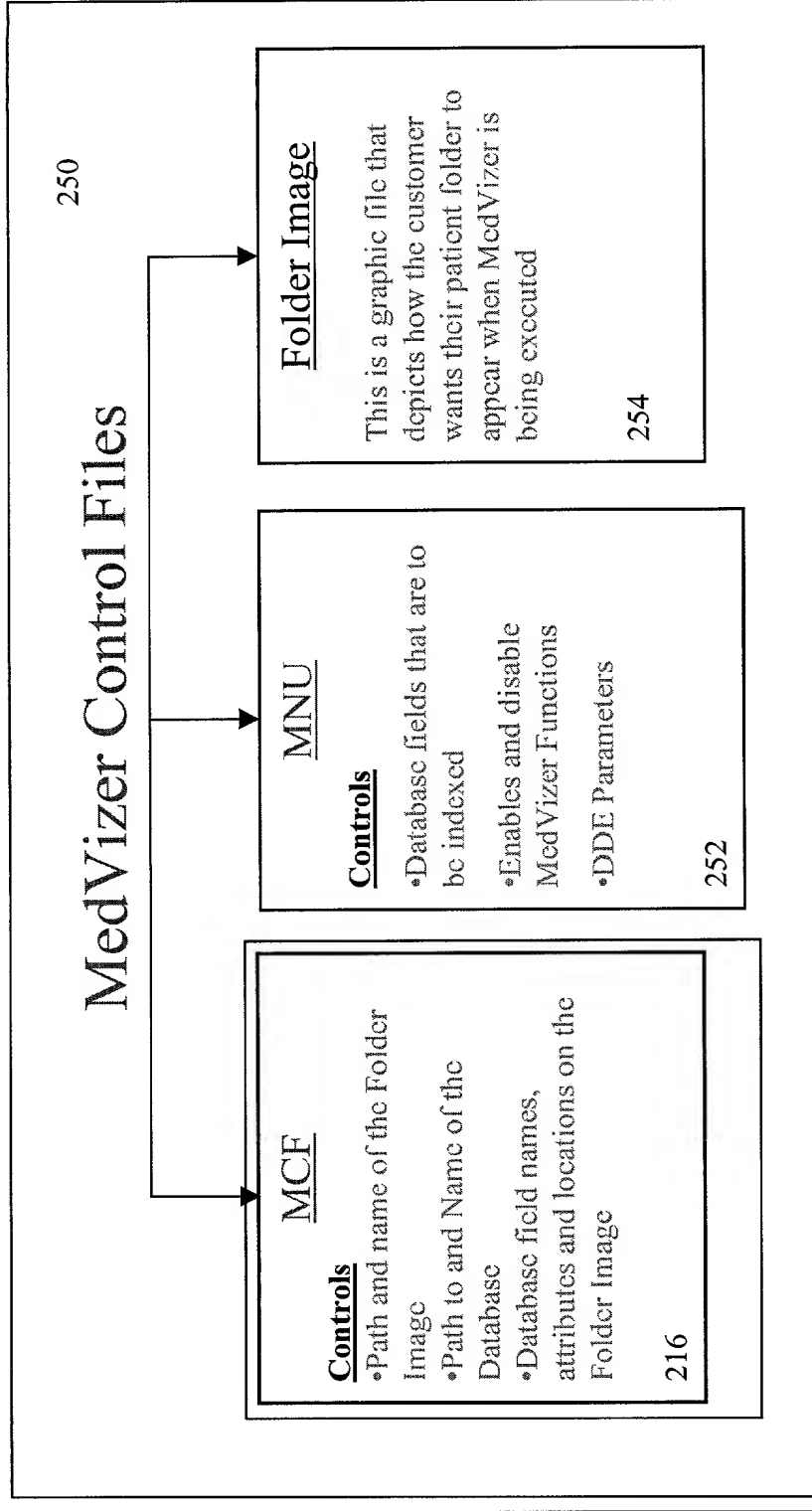


FIGURE 10

## Server Side – Master Control File (Thin Client) – Figure 11A

### DEFAULT.ASP

260

```
set DvMcf1=server.CreateObject("uDvMcf.DvMcf")
DvMcf1.McfName = "c:\Vitelnet\Vitelnet.mcf"
// Submit for the set of records in the db
RecordCount = DvMcf1.Submit(ln & Chr(0) & mm & Chr(0) & ssnn &
Chr(0))
If DvMcf1.RecordCollection.Count = 0 Then
//get the first set of records in db
RecordCount = DvMcf1.Submit(" " & Chr(0) & " " & Chr(0) & " " & Chr(0))
End If
RecordsList.Clear
RecordsList.AddItem "Select from this list."
```

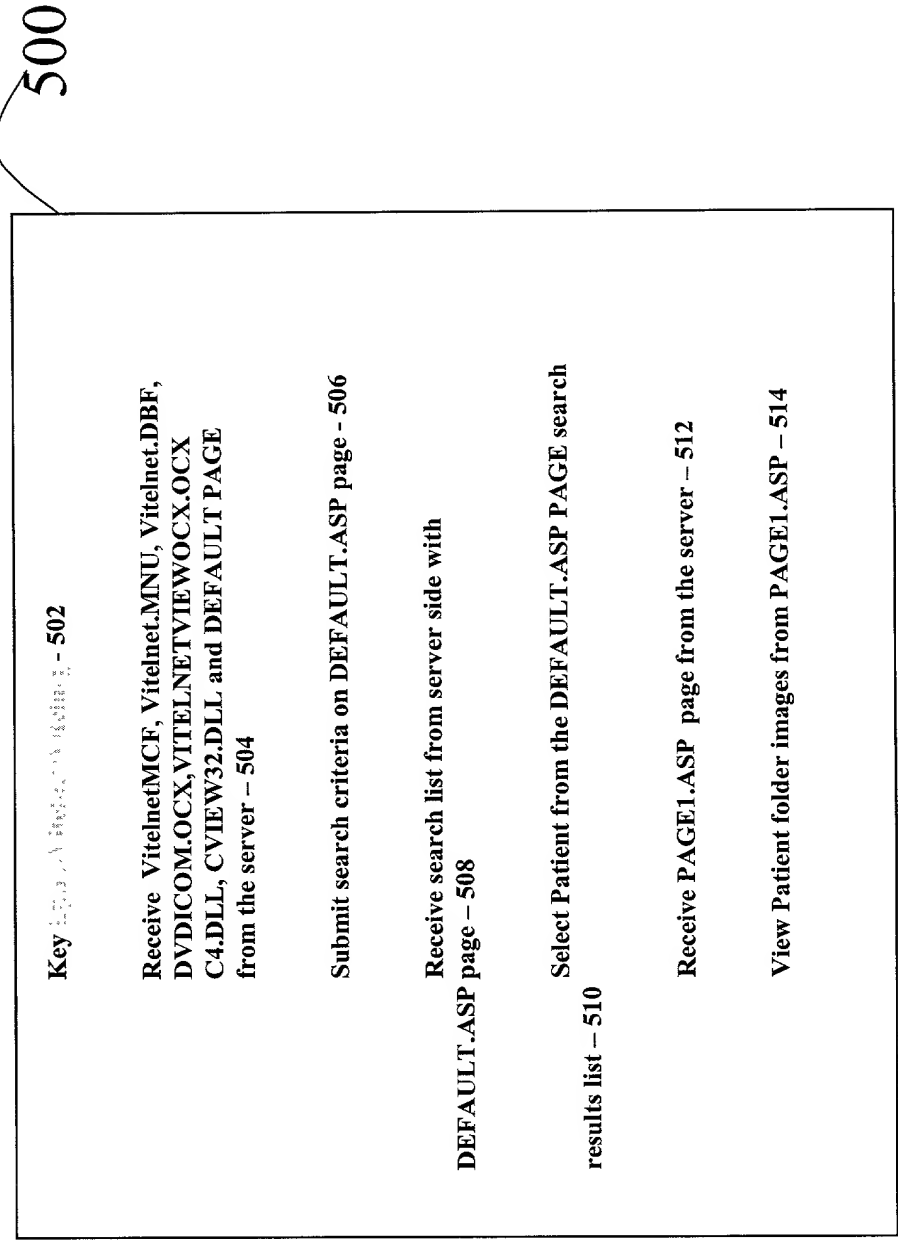
## Client Side – Master Control File (Thin Client) – Figure 11B

### PAGE1.ASP

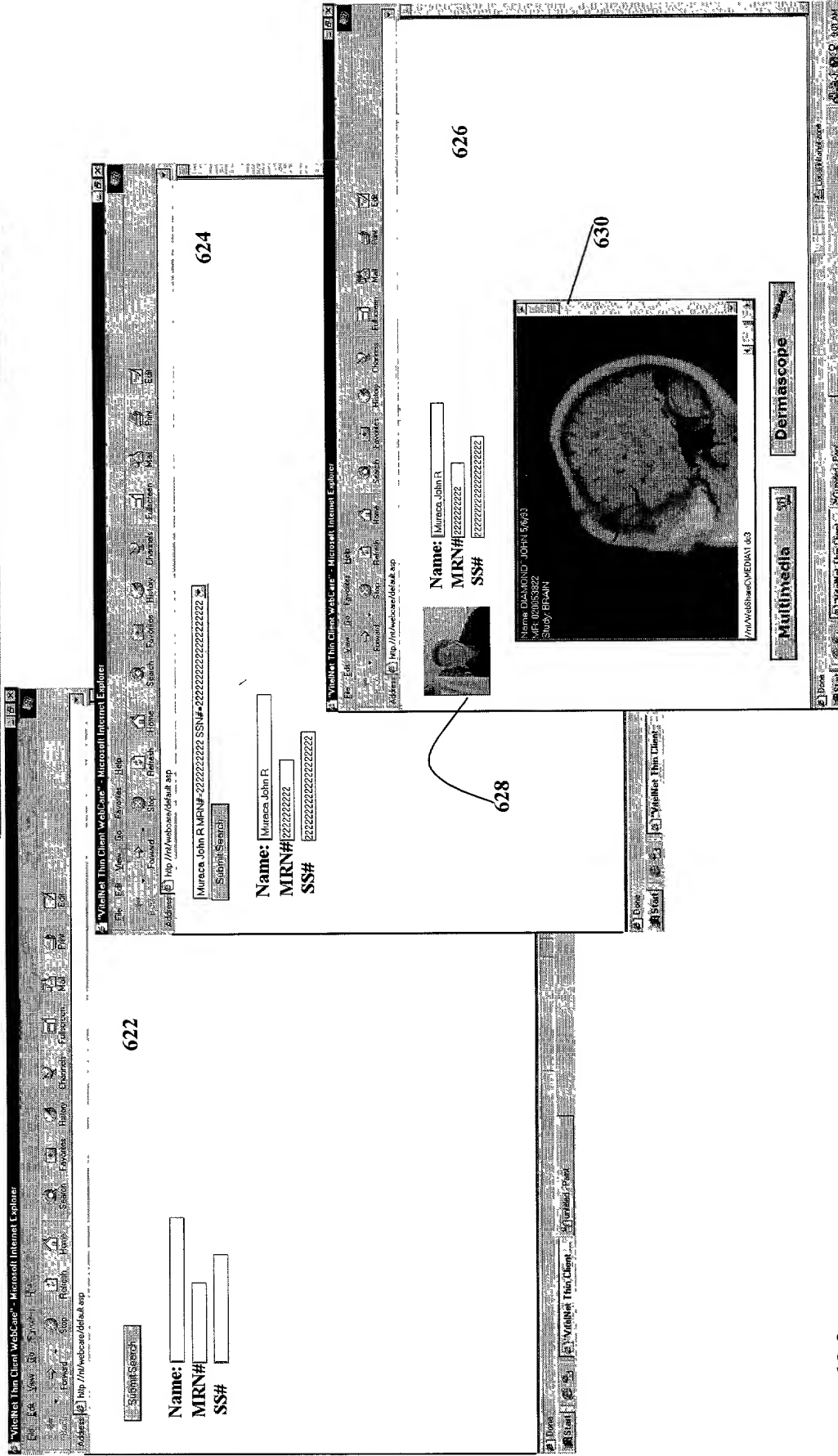
262

```
Sub ViewOcx1_ScrollChange
Dim TmpStr,Ptr
if Tab <> "" then
TabList.selectedindex = thisForm.ViewOcx1.ScrollIndex
TmpStr = TabList.getValue(selectedIndex)
Else
thisForm.ImageList.selectedindex = thisForm.ViewOcx1.ScrollIndex
TmpStr = thisForm.ImageList.value
end if
"TmpStr = ImageList.getValue(thisForm.ViewOcx1.ScrollIndex)
Ptr = instr (1,TmpStr,";")
If Ptr = 0 then
exit sub
else
thisForm.ViewOcx1.ShowImage = trim(mid(TmpStr,Ptr+1,Len(TmpStr)))
end if
End Sub
```

**FIGURE 12**



# Master Control File (Thin Client) – FIGURE 13



# Master Control File (Field Names)

642

File New Options View

Hospital
Last Name
Second Last Name
Given Name
SSN/Patient ID
Problem
Problem Date
Lock Record

Database Field Name - Each field name will be retained and utilized by the MedVizer application when it populates and retrieves information.

640

Field Name: HOSPITAL Tab Order: 59 Font Size: 8

Field Length: 25 Border Style: None Single

Field Type:  
☒ AlphaNumeric  
☐ Numbers Only  
☐ Date  
☐ European Date  
☐ Auto Fill Date  
☐ Edit Fill Date  
☐ Entry Required

Field Display:  
☐ Image List  
☐ MCF Link  
☐ Invisible  
☐ Skip  
☐ Locked

Field Fill:  
☐ Constant  
☐ Auto Increment  
☐ Dup Field  
☒ Dup Source Field

File Name: C:\medvizer\lookup\HOSPITAL.txt  
Caption: Hospital  
☒ LookUp  
☐ Edit  
☐ Only put Code Numbers to Database

Database: C:\medvizer\DBFS\medvizer.DBF  
Delete Field  
OK Cancel

644

List Field Settings by Tab Order

Number	Field	Length	Settings
59	HOSPITAL	25	AlphaNumeric
60	LASTNAME	30	AlphaNumeric
61	SECONDLASTNAME	30	AlphaNumeric
62	GIVENNAME	50	AlphaNumeric
63	SSN/PATIENTID	15	AlphaNumeric
64	PROBLEM	18	AlphaNumeric
65	PROBLEM DATE	10	NumberOnly, Date, Skip, Locked
66	LOCKDATE	10	NumberOnly, Date
67	DIAGNOSIS	256	AlphaNumeric
68	TESTS	256	AlphaNumeric
69	TREATMENT	256	AlphaNumeric
70	DESTINATION	150	AlphaNumeric

List To File Print List Close

216

HEdit - [MEDVIZER.mcf]

000007E0	01 00 48 4F 53 58 49 54	41 4C 00 00 00 7E 09 0E	..HOSPITAL
000007E1	01 10 00 00 00 00 00 00	00 01 0E 03 00 00 00 00	..LNAME
00000800	00 00 00 4C 4E 41 40 45	00 00 00 00 00 00 7E 09	..MNAME
00000810	18 03 1E 00 08 00 00 00	00 00 01 0F 03 00 00 00	..FNAME
00000820	00 00 00 1E 00 00 00 00	00 00 00 00 00 00 00 00	..B-2
00000830	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..PATIENTID
00000840	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..PROBLEM
00000850	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..CREATE
00000860	01 10 00 21 00 00 00 00	00 00 00 00 00 00 00 00	..LOCKDATE
00000870	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..OSIS
00000880	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..LARGE
00000890	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..TREAT
00000900	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..TREATMENT
00000910	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..SERV
00000920	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..HOSPITAL
00000930	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..PREFIX
00000940	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..
00000950	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..
00000960	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..
00000970	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..
00000980	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..
00000990	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..
000009A0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..
000009B0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..
000009C0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	..

File Length: 5567 Offset: 0 Head: 0

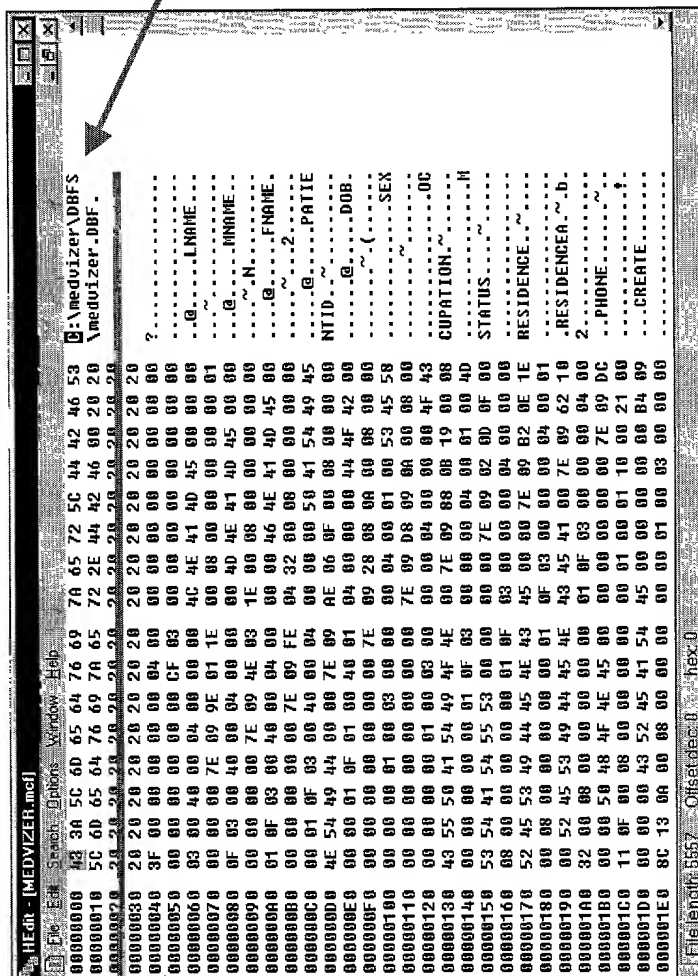
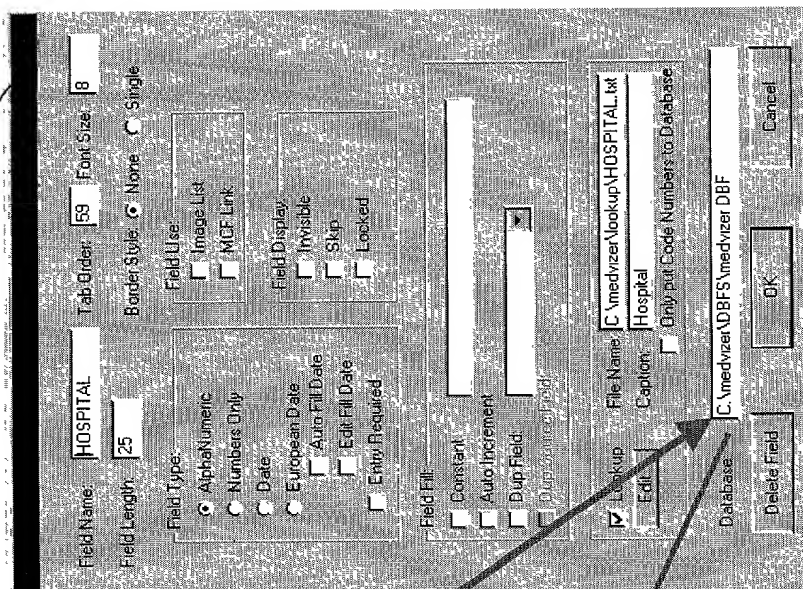
FIGURE 14



[illegible]

80

216



Year	Age	Sex	Weight (kg)	Height (cm)	Body Mass Index (kg/m <sup>2</sup> )	Waist Circumference (cm)	Waist-Hip Ratio	Trunk Fat (%)	Visceral Fat (cm <sup>3</sup> )	Subcutaneous Fat (cm <sup>3</sup> )	Visceral Fat Index (cm <sup>3</sup> /m <sup>2</sup> )	Subcutaneous Fat Index (cm <sup>3</sup> /m <sup>2</sup> )	Visceral Fat to Subcutaneous Fat Ratio
1990	25	M	70	175	22.5	85	0.90	15	100	200	0.50	1.00	0.50
1991	26	M	72	178	22.8	88	0.91	16	110	210	0.52	1.04	0.50
1992	27	M	75	180	23.1	90	0.92	17	120	220	0.54	1.08	0.50
1993	28	M	78	182	23.4	92	0.93	18	130	230	0.56	1.12	0.50
1994	29	M	80	185	23.7	95	0.94	19	140	240	0.58	1.16	0.50
1995	30	M	82	188	24.0	98	0.95	20	150	250	0.60	1.20	0.50
1996	31	M	85	190	24.3	100	0.96	21	160	260	0.62	1.24	0.50
1997	32	M	88	192	24.6	102	0.97	22	170	270	0.64	1.28	0.50
1998	33	M	90	195	24.9	105	0.98	23	180	280	0.66	1.32	0.50
1999	34	M	92	198	25.2	108	0.99	24	190	290	0.68	1.36	0.50
2000	35	M	95	200	25.5	110	1.00	25	200	300	0.70	1.40	0.50
2001	36	M	98	202	25.8	112	1.01	26	210	310	0.72	1.44	0.50
2002	37	M	100	205	26.1	115	1.02	27	220	320	0.74	1.48	0.50
2003	38	M	102	208	26.4	118	1.03	28	230	330	0.76	1.52	0.50
2004	39	M	105	210	26.7	120	1.04	29	240	340	0.78	1.56	0.50
2005	40	M	108	212	27.0	122	1.05	30	250	350	0.80	1.60	0.50
2006	41	M	110	215	27.3	125	1.06	31	260	360	0.82	1.64	0.50
2007	42	M	112	218	27.6	128	1.07	32	270	370	0.84	1.68	0.50
2008	43	M	115	220	27.9	130	1.08	33	280	380	0.86	1.72	0.50
2009	44	M	118	222	28.2	132	1.09	34	290	390	0.88	1.76	0.50
2010	45	M	120	225	28.5	135	1.10	35	300	400	0.90	1.80	0.50
2011	46	M	122	228	28.8	138	1.11	36	310	410	0.92	1.84	0.50
2012	47	M	125	230	29.1	140	1.12	37	320	420	0.94	1.88	0.50
2013	48	M	128	232	29.4	142	1.13	38	330	430	0.96	1.92	0.50
2014	49	M	130	235	29.7	145	1.14	39	340	440	0.98	1.96	0.50
2015	50	M	132	238	30.0	148	1.15	40	350	450	1.00	2.00	0.50
2016	51	M	135	240	30.3	150	1.16	41	360	460	1.02	2.04	0.50
2017	52	M	138	242	30.6	152	1.17	42	370	470	1.04	2.08	0.50
2018	53	M	140	245	30.9	155	1.18	43	380	480	1.06	2.12	0.50

Pointer to and Name of Graphic Image(s) - This is the image(s) that displays when the MedVizer application is executed.



File length: 5557	Offset dec: 0	hex: 0
-------------------	---------------	--------

# Master Control File (Field Locations & Attributes) – FIGURE 17

FileNewOptionsView

Hospital

Last Name

Second Last Name

Given Name

SSN/Patient ID

Field Name: HOSPITAL

Tab Order: 59

Font Size: 8

Field Length: 25

Border Style: None

Single

Field Type

☒ AlphaNumeric
 ☐ Numbers Only
 ☐ Date
 ☐ European Date
 ☐ Auto Fill Date
 ☐ Edit Fill Date
 ☐ Entry Required

Field Use

☐ Image List
 ☐ MCF Link

Field Display

☐ Invisible
 ☐ Skip
 ☐ Locked

Field Fill

☐ Constant
 ☐ Auto Increment
 ☐ Dup Field
 ☐ Dup Source Field

☒ Lookup
 ☐ Edit

File Name: C:\medvizer\lookup\HOSPITAL.txt

Caption: Hospital

☐ Only put Code Numbers to Database

Database: C:\medvizer\ADBF\medvizer.DBF

Delete Field

OK

Cancel

Database Field Location - This is the top X Y coordinates that define the location that the database field will be displayed on the Graphic image when the MedVizer application is executed.

Database field attributes (Field Length, Alpha/Num, Numeric Only)  
 Date (North American/European Format)  
 Auto filled with system date when database record is created.  
 Auto fill when database record is modified.  
 Fill from keyboard.

Image List – Stores list of archived documents maintained and displayed from this field

MCF Link – Points to another MCF

Invisible - Field data is not displayed

Constant -Data is auto entered with a constant

Skip – Prevents from anchoring cursor on field.

Required - Data must be entered into this field

Lock – Prevents user from entering/changing field content.

Font - Defines font selection for this field

Tab Order – Sets the tabbing order when Tab key is pressed.

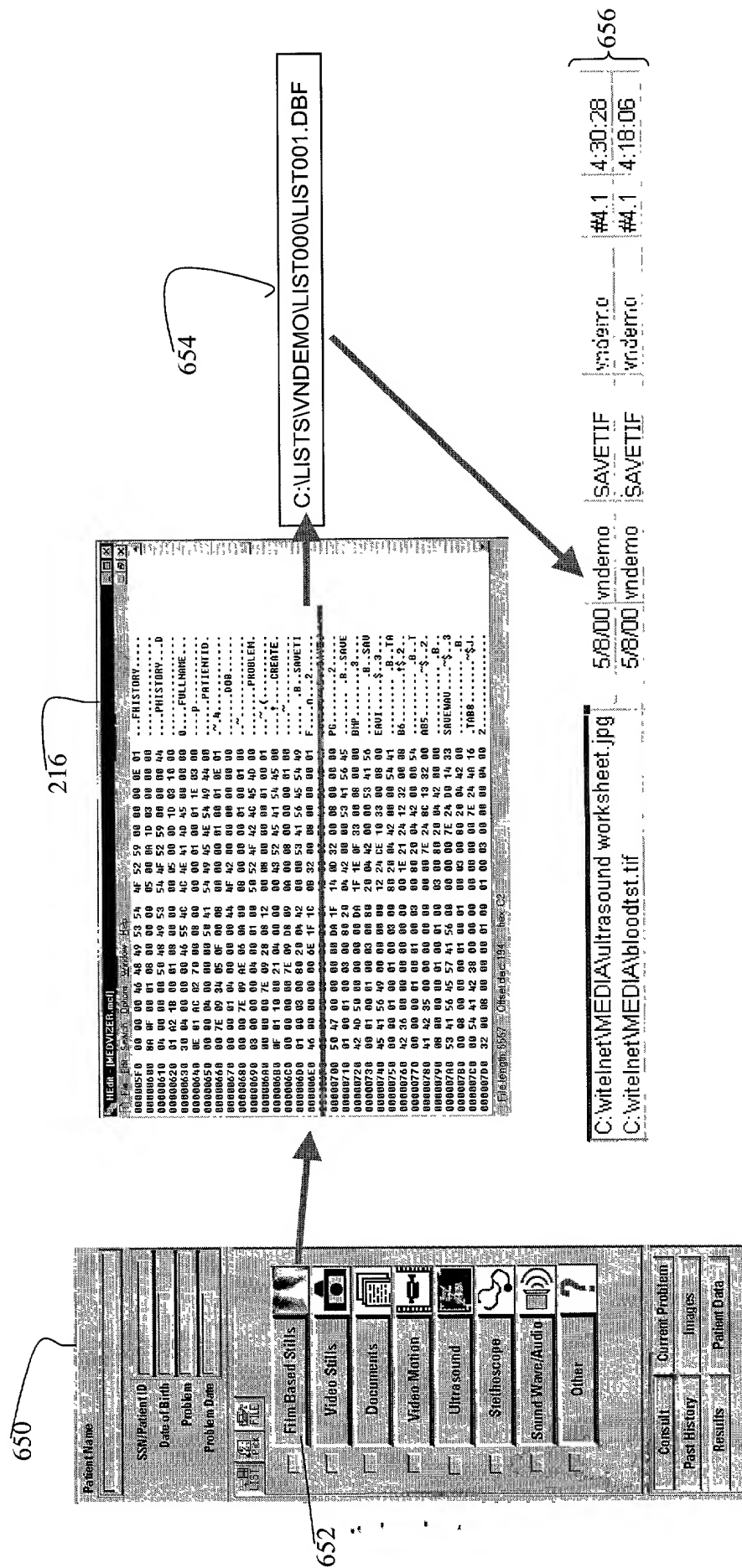
File Edit Search Options Window Help

File length: 8557    Charset: default    Hex: 0

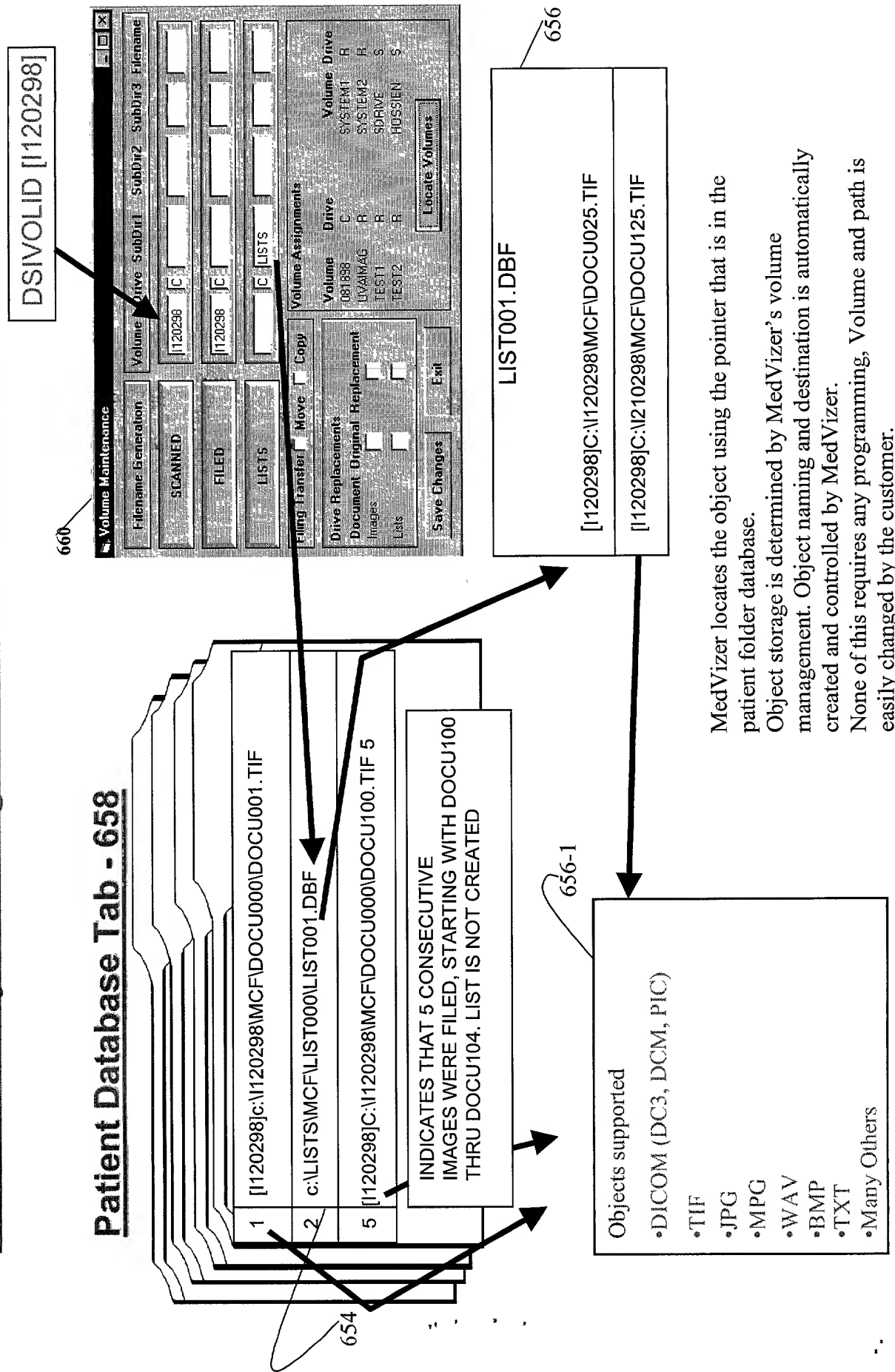
000007E0	01 00 40 4F 53 50 49 54	41 4C 00 00 00 7E 09 9E	...HOSPITAL...
000007E1	01 19 00 00 00 00 00 00	00 01 0E 03 00 00 00 00	...LNAME...
000007E2	00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 7E 09	...MNAME...
00000810	18 03 1E 00 08 00 00 00	03 00 01 0F 03 00 00 00	...PHNAME...
00000820	04 00 00 00 4D 4E 41 4D	45 00 00 00 00 00 00 7E	...PHNAME...
00000830	00 C8 04 1E 00 08 00 00	00 03 00 01 0F 03 00 00	...PHNAME...
00000840	00 04 08 00 00 46 4E 41	4D 45 00 00 00 00 00 00	...B-2...
00000850	00 00 02 06 32 00 08 00	00 00 03 00 01 0F 03 00	...PATIENTID...
00000860	00 00 0A 00 00 00 50 41	54 49 45 4E 54 49 44 00	...PROBLEM...
00000870	00 7E 00 F2 0F 00 08 00	00 00 03 00 01 0F 03 00	...CREATE...
00000880	00 00 00 04 01 00 50 50	52 4F 42 4C 45 00 00 00	...LOCKDAT...
00000890	00 00 7E 09 7E 09 12 00	00 00 00 00 03 00 01 0F	...DIAGEN...
000008A0	01 10 00 21 04 00 00 00	43 52 45 41 54 45 00 00	...LARGE...
000008B0	00 00 00 48 09 1C 00 00	00 00 00 00 00 00 00 00	...TREA...
000008C0	00 01 00 00 01 04 00 00	00 00 00 00 00 00 00 00	...TREAT...
000008D0	45 00 00 00 4A 00 02 00	00 4C 4E 43 48 44 41 54	...TREAT...
000008E0	01 08 03 00 00 00 04 00	01 00 43 44 49 41 47 4E	...TREAT...
000008F0	4F 53 49 53 00 00 01 0A	18 00 01 08 00 00 00 03	...TREAT...
00000900	00 05 1E 03 00 00 00 00	00 01 00 4C 41 42 54 45	...TREAT...
00000910	53 54 53 00 00 0E 01 00	00 16 00 01 08 00 00 00	...TREAT...
00000920	03 00 1E 03 00 00 00 00	04 00 01 08 54 45 41	...TREAT...
00000930	54 4D 45 4E 54 00 00 0E	01 5A 18 00 01 08 00 00	...TREAT...
00000940	00 03 00 04 1E 03 00 00	00 04 00 01 00 44 45 53	...TREAT...
00000950	54 49 4E 41 54 49 4F 00	7E 09 6A 20 32 00 00 00	...TREAT...
00000960	00 03 00 01 0E 03 00 00	00 00 04 00 00 00 4F 42	...TREAT...
00000970	53 45 52 56 45 00 00 00	00 32 01 5E 23 00 01 08	...TREAT...
00000980	00 00 03 00 06 1E 03 00	10 00 20 04 40 01 00 48	...TREAT...
00000990	4F 53 50 49 54 41 4C 00	00 00 0A 24 7A 01 19 00	...TREAT...
000009A0	08 00 00 00 00 01 00 00	03 10 00 20 04 40 00 00	...TREAT...
000009B0	50 52 45 46 49 58 00 00	00 00 00 00 24 F4 02 0F	...TREAT...
000009C0	00 08 00 00 00 00 01 00	00 03 10 00 20 04 40 00	...TREAT...

[illegible]

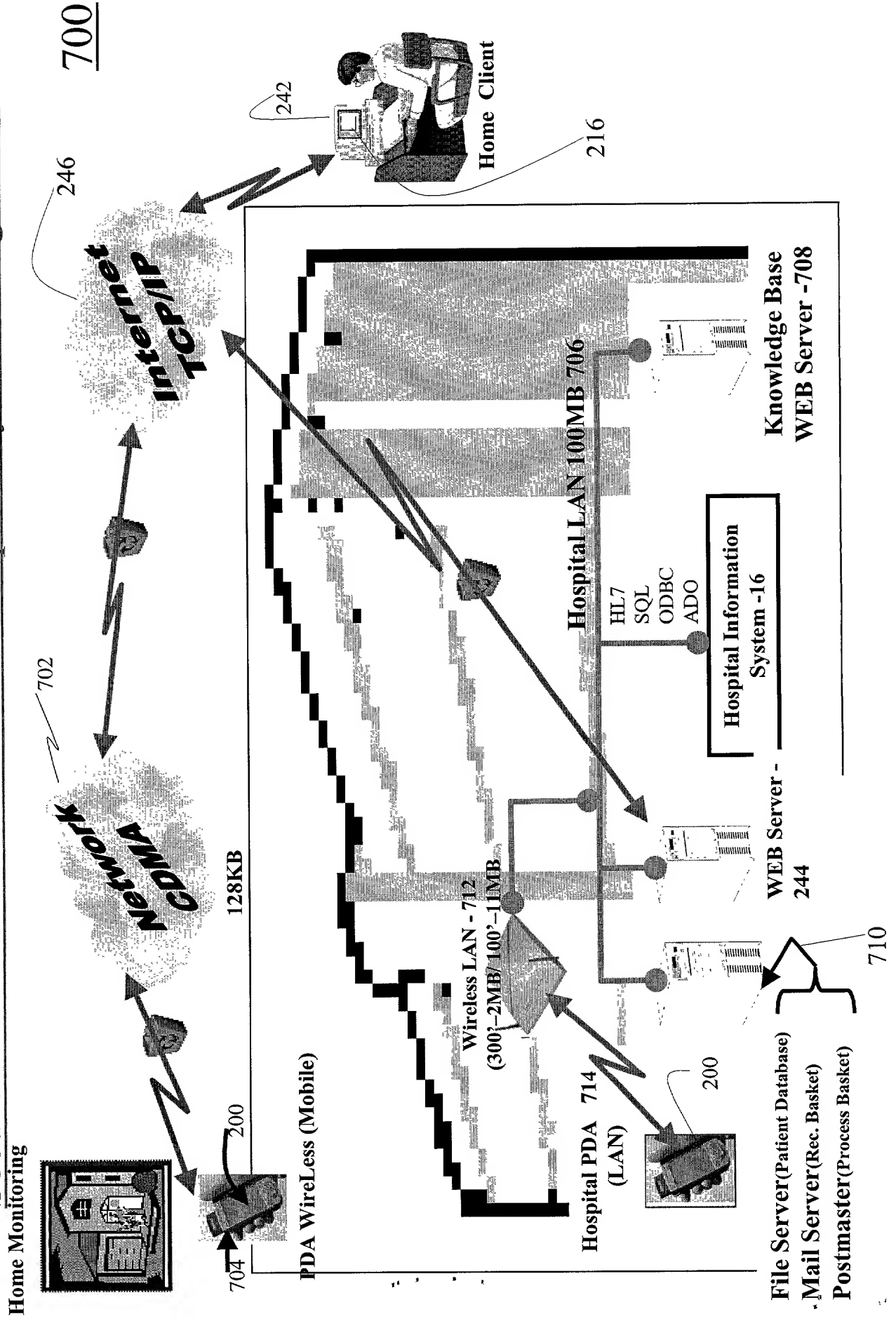
## FIGURE 18



# MedVizer Object Storage/Retrieval - FIGURE 19



Secure Wireless Telemedicine Enterprise System – Figure 20



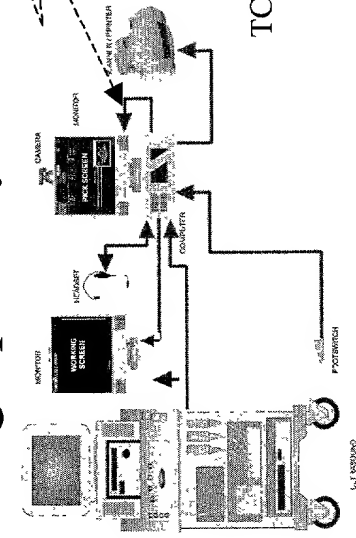


# Telemedicine System - Figure 21

Server - 22

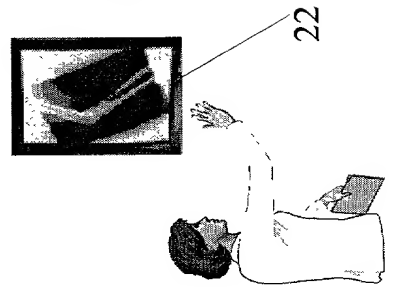
Wireless VC Remote - 810

Sonographer System - 808



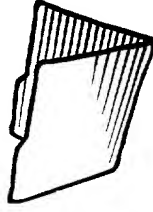
- Select cases from schedule
- Add patient that are not in schedule
- Capture Snapshots & Video Clips
- Scan Paper documents
- Send case data to Radiologist
- View/Play Text/Audio Notes
- Perform More Scans
- Release Patient

**IMAGE ACQUISITION**



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Create a Folder with Patient demographics an Image files.



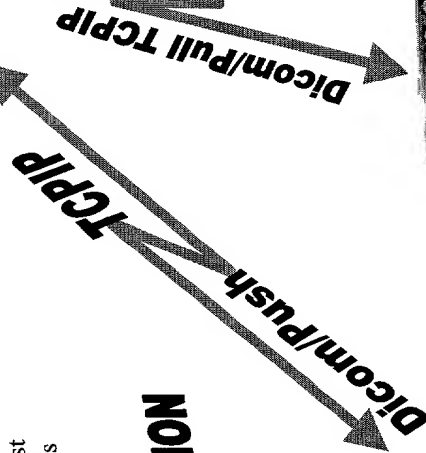
803

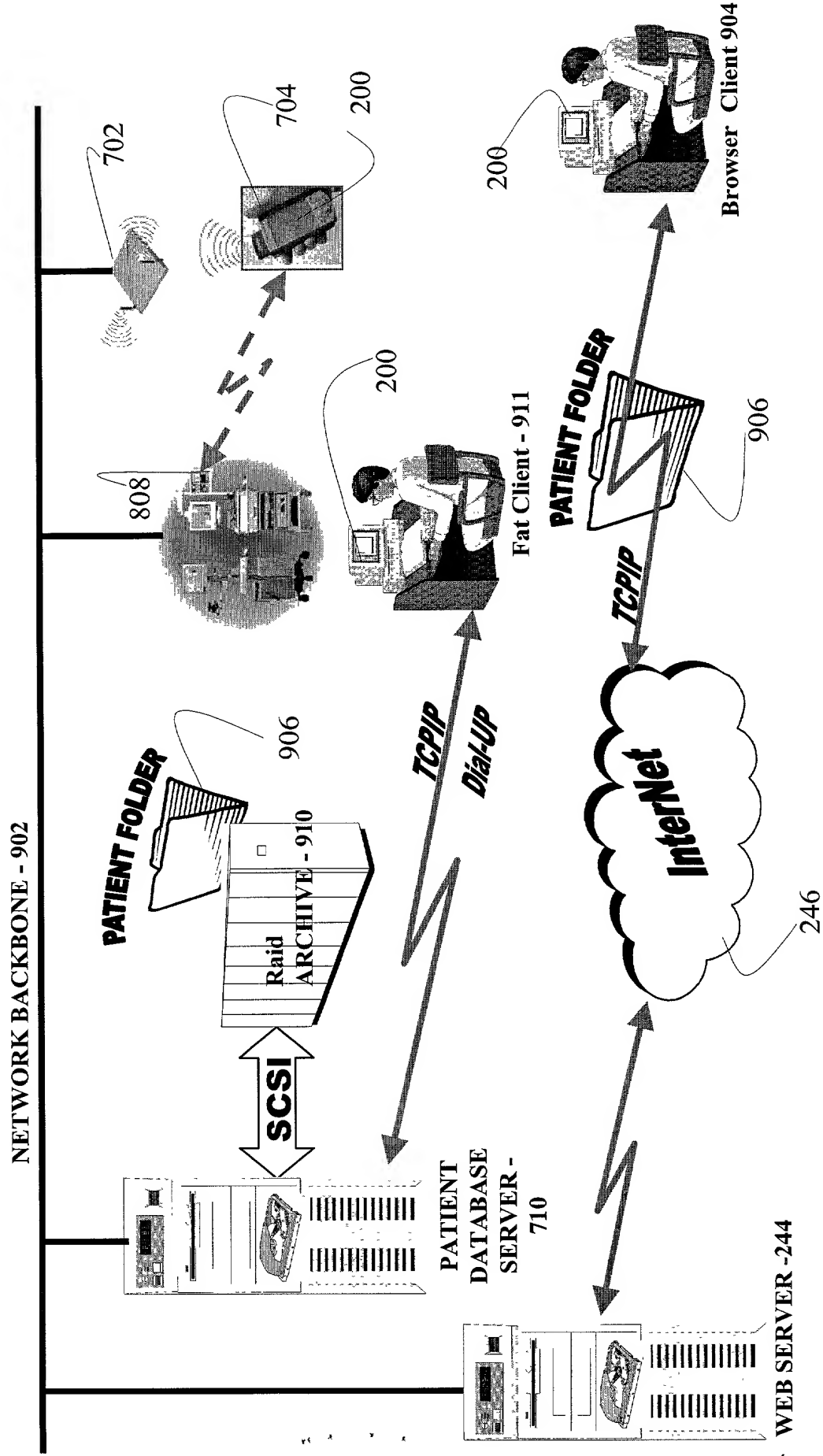
Radiologist System - 804



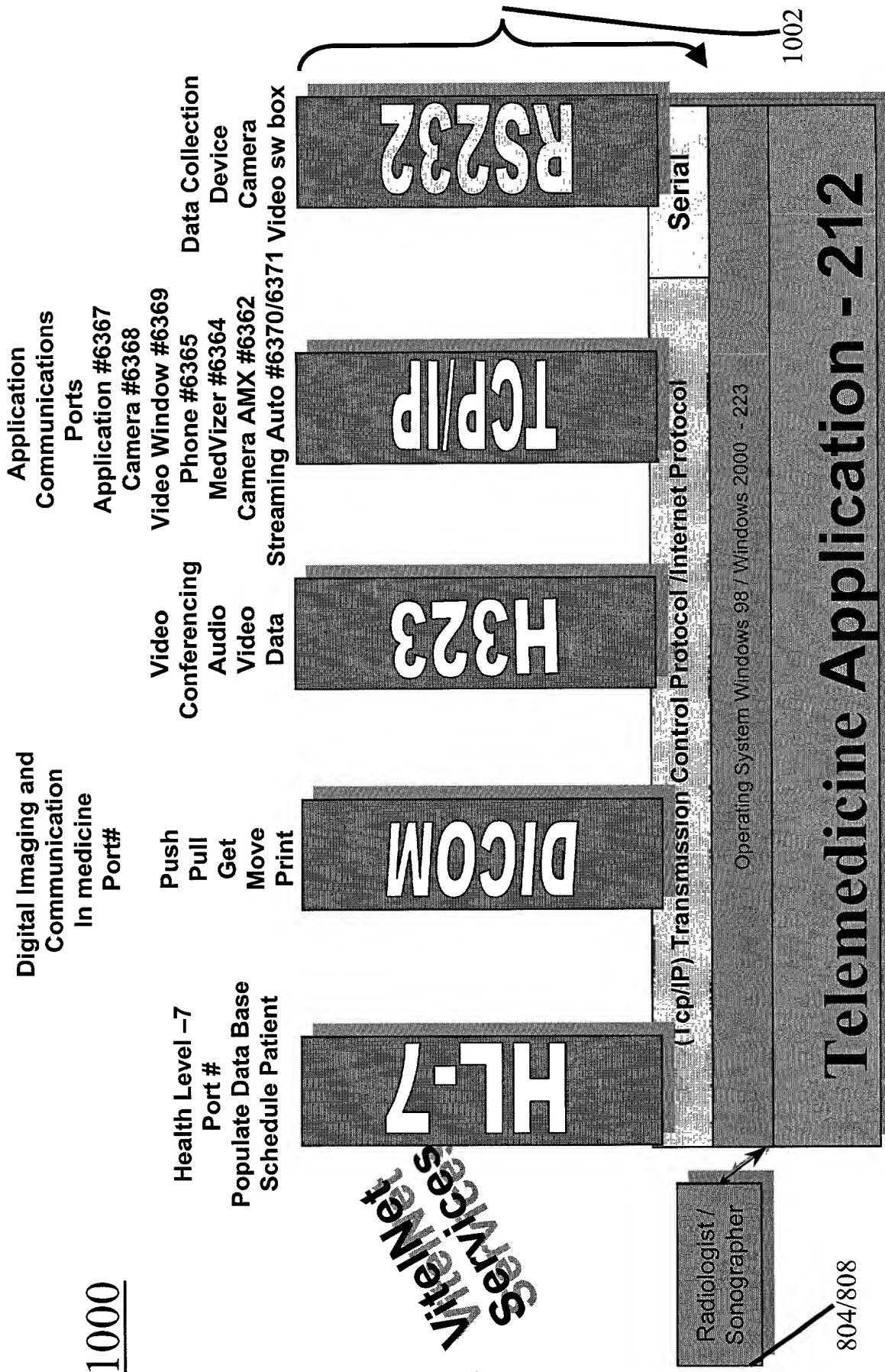
- Receive Cases from Sonographer
- View active cases
- Request More Scans (Attach Audio or Text Note)
- Initiate Audio Calls (Audio portion of Video conferencing)
- Initiate Video Calls (Video conference audio & Video)
- Release Patient
- View history

Physician WorkStation - 26



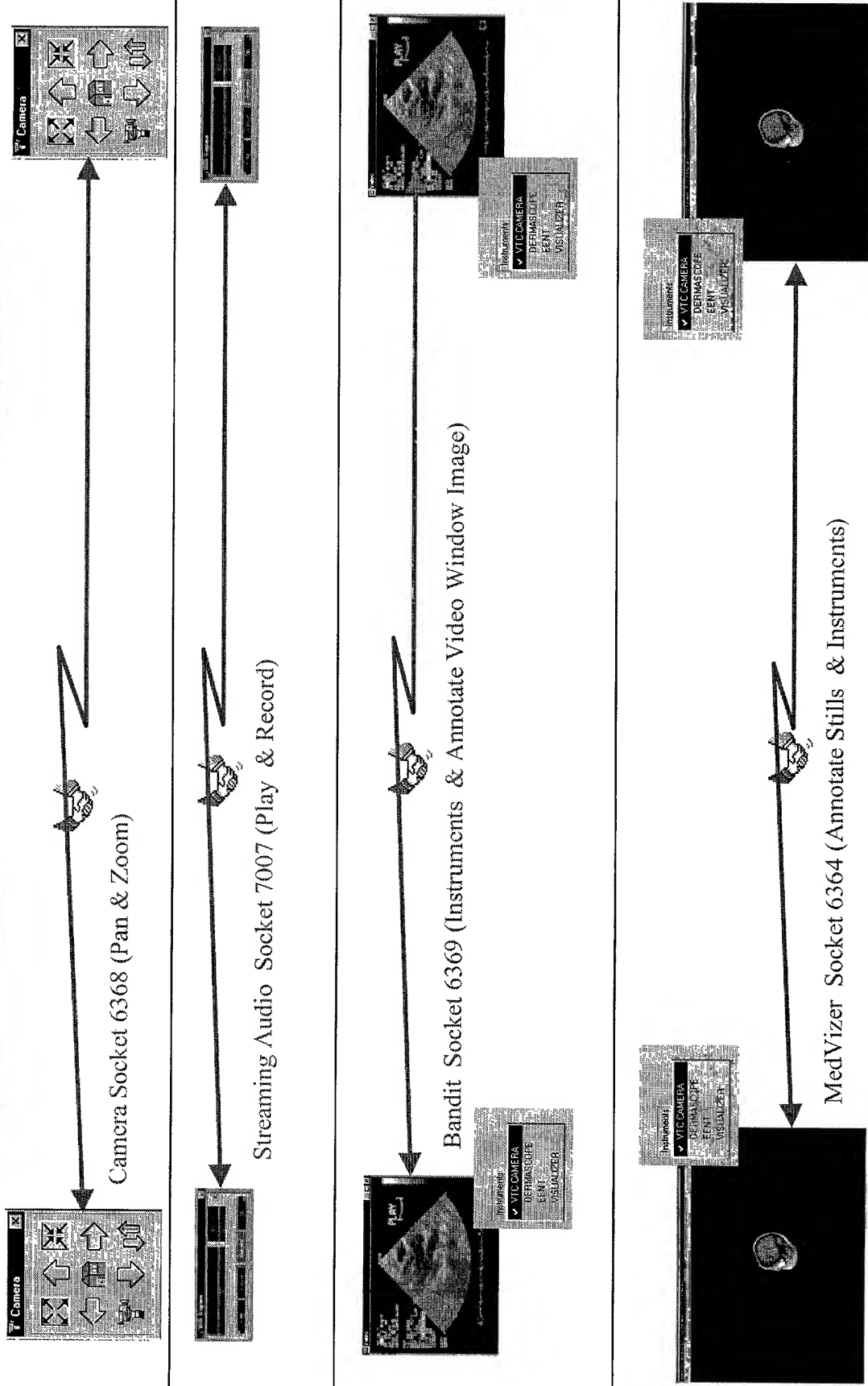


# VitelNet Communications Architecture - FIGURE 23





## Remote TCP/IP Functions – FIGURE 25



# VNET/MedVizer Software – FIGURE 26

1210

## ViTelNet

## Video Capture

C:\VN\VN~~ET~~.EXE  
C:\VN\Controls.exe

C:\BANDIT\Bandit.EXE  
C:\BANDIT\Bandit.ini  
C:\BANDIT\Phone.exe  
C:\BANDIT\Phone.ini  
C:\BANDIT\Phonebk.ph  
C:\BANDIT\Remote.exe  
C:\BANDIT\Vitelcon.exe

## MedVizer

C:\DV\DV.exe  
C:\VITELNET\VNDEMO.MCF  
C:\VITELNET\VNDEMO.MNU  
C:\VITELNET\BMPS\VNDEMO.INI



# VNET/MedVizer INI File – FIGURE 27A

[Mcdvizer]	
Caption=VitalLINK	Caption that appears in the VNET title bar
lang=	lang=eng Specifies english language is to be used lang=spa Specifies Spanish language is to be used
phpath="c:\bandit\PHONE.EXE @\PhoneBook;c:\bandit\joc.ph; /VCON"	Used by VNET to determine the location and command line associated with the phone book.
phtopic=Phone Book	Used by VNET to determine the phone DDE topic
dvpath=c:\dv\dv.exe c:\VITELNET\VNDEMO.mcf /hide	Use by VNET to determine the location and command line associated with DV
dvtopic=DV\Division	Used by VNET to determine the DV DDE topic and is used in the DDE initialization process. This is also used during the DDE conversations between applications.
LinkItem=Division	Used by VNET as part of the DDE initialization. This is also used during the DDE conversations between applications.
bandit=yes	Flag used to load bandit. Placing a ' at the beginning of this command disables loading of bandit
bddpath=c:\bandit\bandit.exe /HIDE /debug /enableddc /W /dv /optibase	Used by VNET to determine the location and command line associated with BANDIT. Command line parameters include;
	/HIDE - loads the application and hides it.
	/debug - turns debug on
	/enableddc - enables bandit to conduct dde conversations. This must be part of the command line when using the socket /W parameter.
	/W - enable sockets
	/Optibase enables MPEG encoding from the bandit window.
bdtopic=bandit\bandit	Used by VNET to determine the BANDIT DDE topic and is used in the DDE initialization process. This is also used during the DDE conversations between applications.

# VNET/MedVizer INI File- FIGURE 27B

;Control panel for amx  
cpath=c:\vn\controls.exe /c1 /hide /w  
cttpic=controls.controls

exit!=yes

remdrive=v:

remcom=2

[Menu]  
Show=NO

AOTop=NO

- [ports]  
@Udp=6366  
@Nct=6367  
@Cam=6368  
@Ban=6369  
@Phn=6365  
@Dvp=6364  
@Hcp=6363  
@Ctl=6362  
@Spc=6370  
@Sps=6371

Used by VNET to determine the location and command line associated with BANDIT.  
Used by VNET to determine the Controls DDE topic and is used in the DDE initialization process.  
This is also used during the DDE conversations between applications

When set to yes the video conferencing software will exit without prompting the operator. When this command is disabled a prompt will be presented to the operator prior to exiting.

This is the drive letter that will be assigned and mapped when connecting to a remote system.

This is the com port assigned to the camera or the AMX controller is connected to.

Controls the displaying of the VNET button bar. When this command is disable the menu bar will display. When enabled and No follows the equal sign the menu bar will not be displayed.  
Always On Top - is used to specify if the button bar is always on top are if another form can be displayed over it. When this command is disabled the button bar will always be on top. When enabled the button bar can be covered by another form.

- Broadcast Socket  
VNET to VNET Socket  
Camera Socket  
Bandit Socket  
Phone Socket  
MedVizer Socket  
Health Socket  
Camera Controls AMX  
Streaming Player Client  
Streaming Player Server

# MedVizer MNU File – FIGURE 28A

WINDOW HEADING Definition - Enter heading to display at top of window.

! VITel Nct DEMO

COLUMN HEADING Definition - Enter heading to display over search fields.

!Sequence No Patient ID SS#

PROMPT LINE Definition - Enter prompt message for user to act on.

!Enter Search Information

FIELD NAME Definitions - Enter Field definitions as follows:

Name,Position,Length,I - "I"=Indexed field (optional)

@DBFLD11,1,28,I

@DBFLD21,18,25,I

@DBFLD20,44,11,I

The following specifies the drive letter that basket will be transferred to.

[NIWOT]

NIWOTCOPY\_V\_DV.DV

The following commands enable MedVizer functions and  
ICONS

- EXIT
- LOCATE
- NEXTREC
- PREVREC
- FIND
- ASK
- ADDREC
- PickDocument
- FILEDocument
- CloseOnExit
- VideoConferencing
- RECORDWAVE
- Scan
- TwainDevice
- MainStrRec
- MainView
- VolGen
- SavePostion
- volgen
- saveposition

# MedVizer MNU File- FIGURE 28B

Location and size of the MedVizer Patient Folder

\_Top\_ 690 \_  
\_Left\_ 4200 \_  
\_Height\_ 10830 \_  
\_Width\_ 9960 \_

The following specifies the tab that a specific file is capture to.

.TIF Tab1 \_  
.WAV TAB5 \_  
.JPG Tab2 \_  
.AVI Tab4 \_  
.ASF Tab3 \_

The following turns the list thumbnails on and specifies the size of the thumbnail.

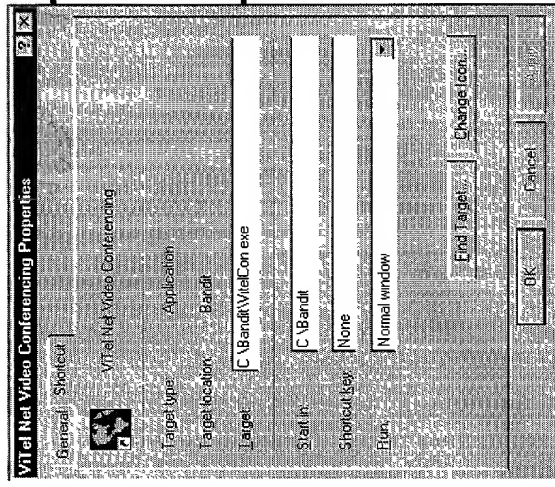
[ThumbNail]  
Enable-:YES  
THUMB.NAIL\_32\_24\_

The following lines are related to MedVizer's Volume management

DOC\_R\_VNDEMO\_\_AUTO\_\_  
LST\_R\_VNDEMO\_\_AUTO\_\_  
PTH\_\_  
PTH\_\_  
PTH\_\_  
CPY\_R\_VNDEMO\_\_AUTO\_\_

TOOL]  
XRAY=ACCUSOFT  
NUMXRAYs=9  
THUMBWIDTH=80  
THUMBHEIGHT=100  
THUMBCount=6  
THUMBSPACE=20  
THUMBFRAME=15  
THUMBROWS=2  
TOOLBARs=SMALL  
AUTOVIEWRATE=10  
MAGSMALL=100  
MAGMEDIUM=200  
MAGLARGE=300  
MAGMAG=2  
MENUHEIGHT=16  
MENUFONT=8  
SCANDPI=75  
SCANBITS=8  
SCANOPT1=75  
SCANOPT2=150  
XRAYBCOLOR=00000000  
SHOW=YES  
DATABASE-R:\VITELNET\VNDEMO.dbf

# System Start Up Group – FIGURE 29

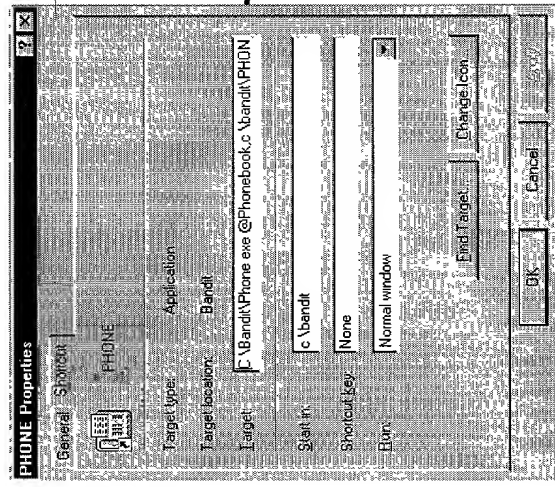


1402

1400

C:\Bandit\Vitelcon.exe

Load Vitel Net Video Conferencing programs



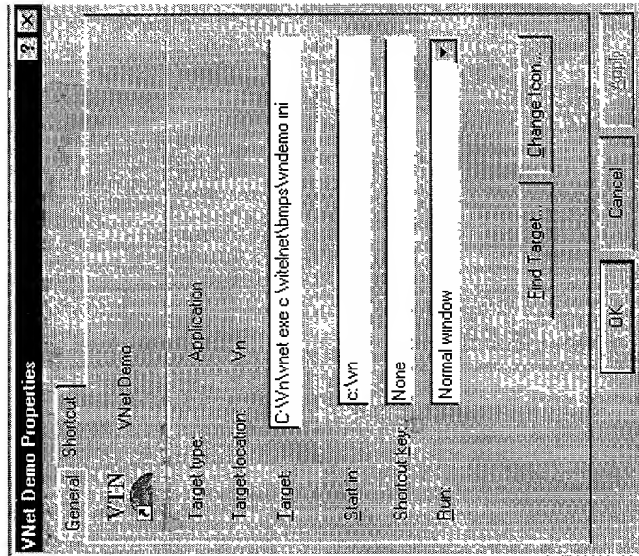
1404

MedVizer Phone Book

C:\BANDIT\PHONE.EXE @Phonebook;C:\BANDIT\PhoneBK.PH; /VCON

## VNET Properties – FIGURE 30

1500

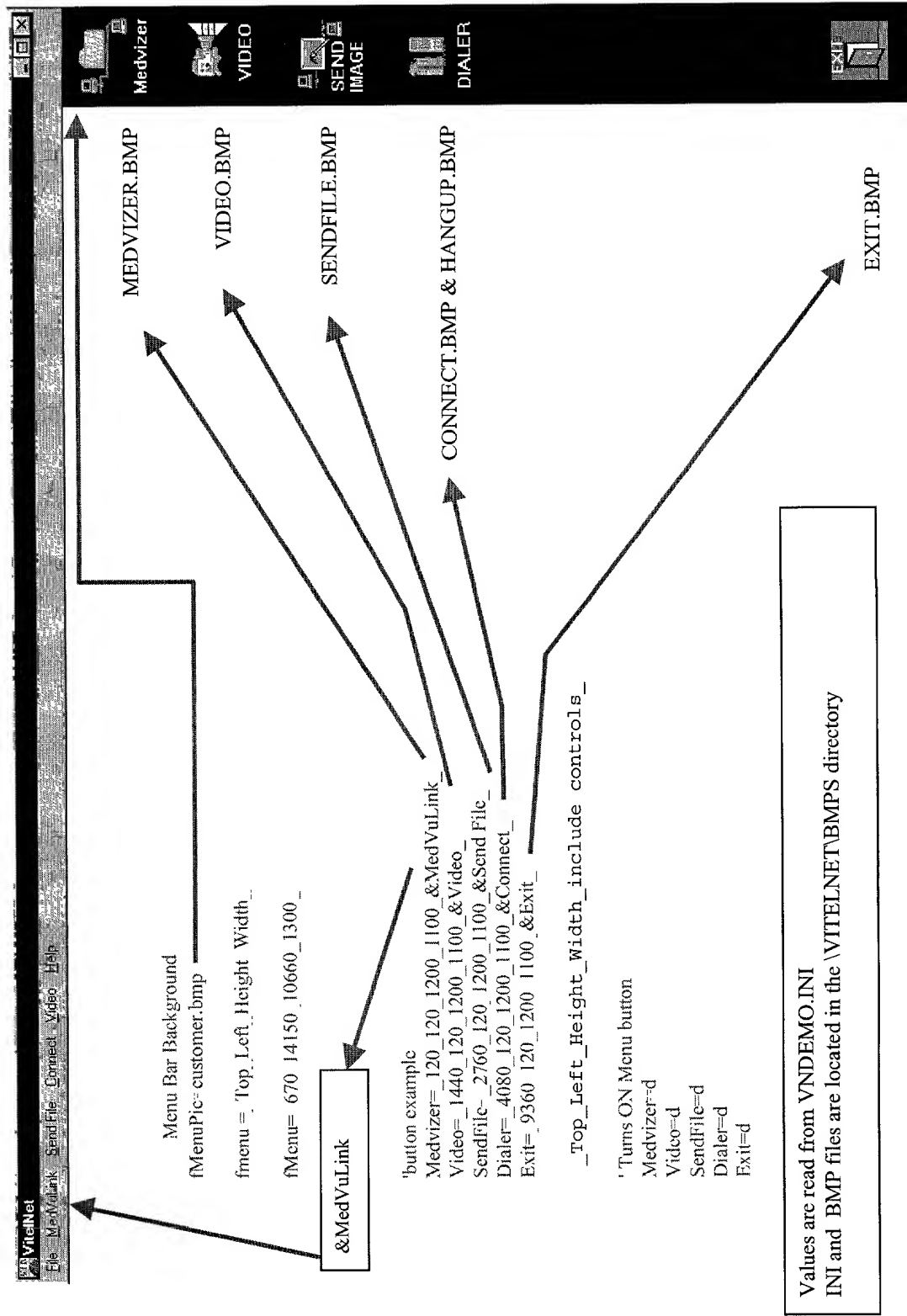


- Initializes the system based on information acquired from the VNDEMO.INI file.
- Configures the Desk Top
  - Creates Menu Bar
  - Size and location
  - Buttons (BMP files located in \VitelNet\BMPS directory
  - Establishes MedVizer Window size and location
- Loads MedVizer (DV.exe)
- Loads Bandit.exe
- Established DDE links
- Controls program interaction

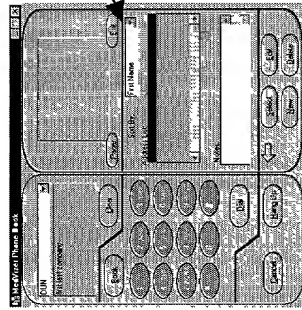


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# VNET Desktop - FIGURE 31



# MedVizer Phone Book- FIGURE 32



Exit - unloads the MedVizer Phone book

1700

These entries will appear in the address list

A screenshot of the MedVizer Phone Book application. The 'Add' button is highlighted with a callout box that says 'These entries will appear in the address list'. The form contains several input fields: First Name, Last Name, Company, Title, Notes, Phone, Fax, Email, Pager, DUN Address, Network Address, Logical Name, and a section for No. of DUN channels, Access Method, and DUN on Board.

Email and Pager address (place email address in the pager box for those individuals that do not have a pager address)

Name of the Dial-Up Networking ICON that is used to place the call

IP address of the system being called

\Hospital-1 \Hospital-2  
computer name being called  
share drive name

Your share drive name  
Each phone book entry must also appear in the HOSTS and LMHOSTS file

Default Logical Name -- This can be left blank if the computer name and share drive name are the same and it appears in the First Name text box.

# Volume Information & Generation – FIGURE 33

1800

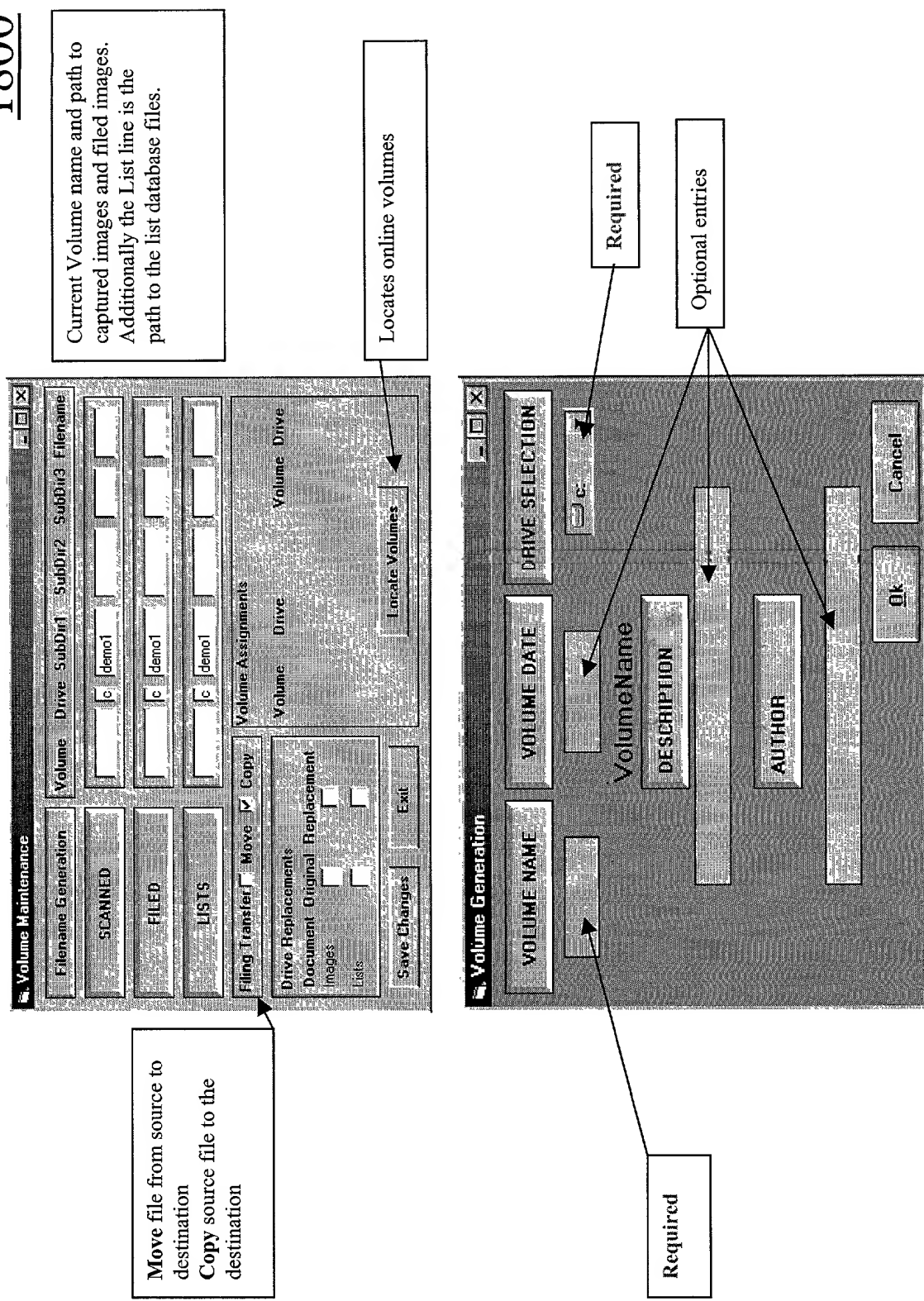


FIGURE 34A

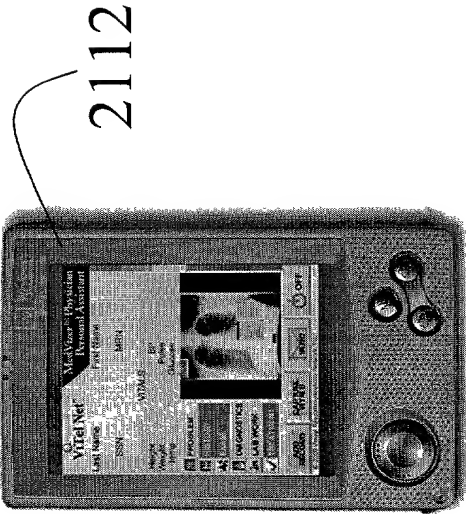


FIGURE 34B

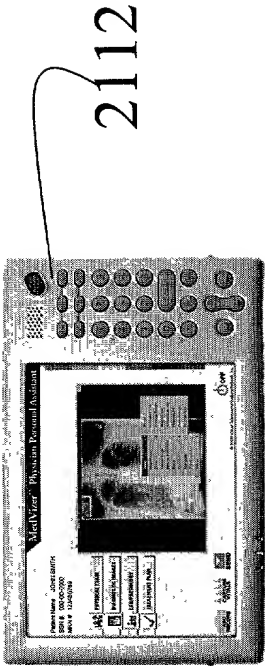
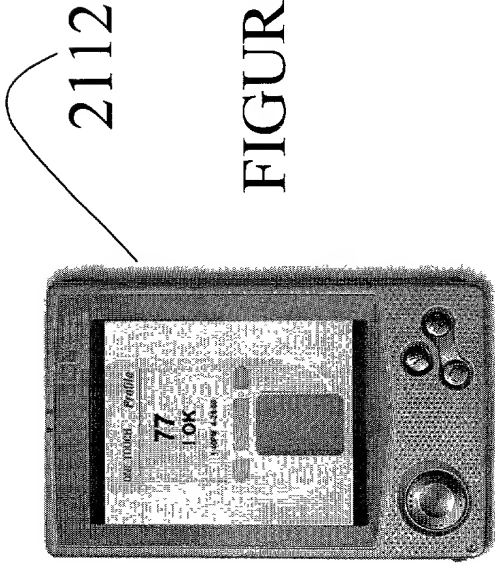
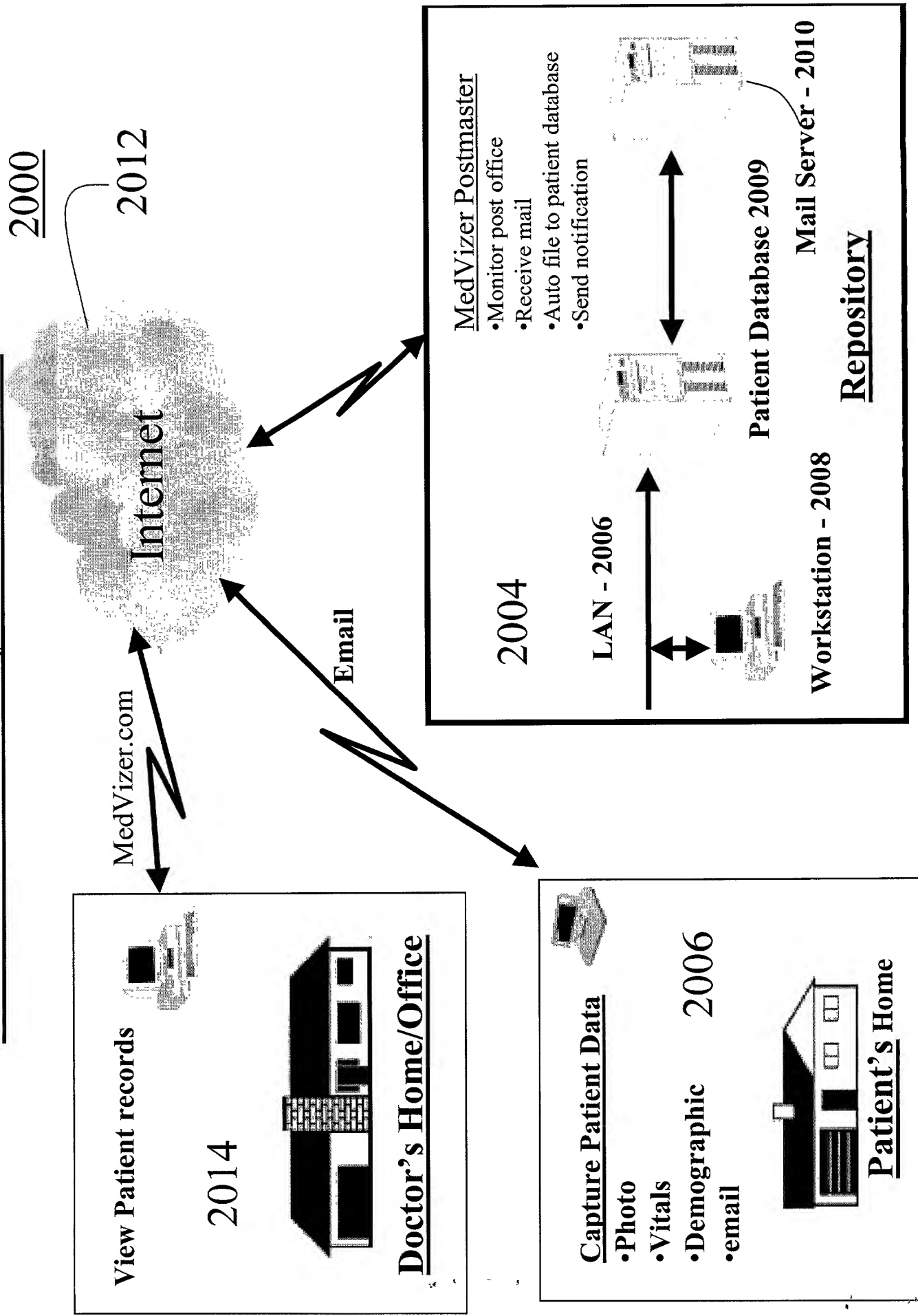


FIGURE 34C

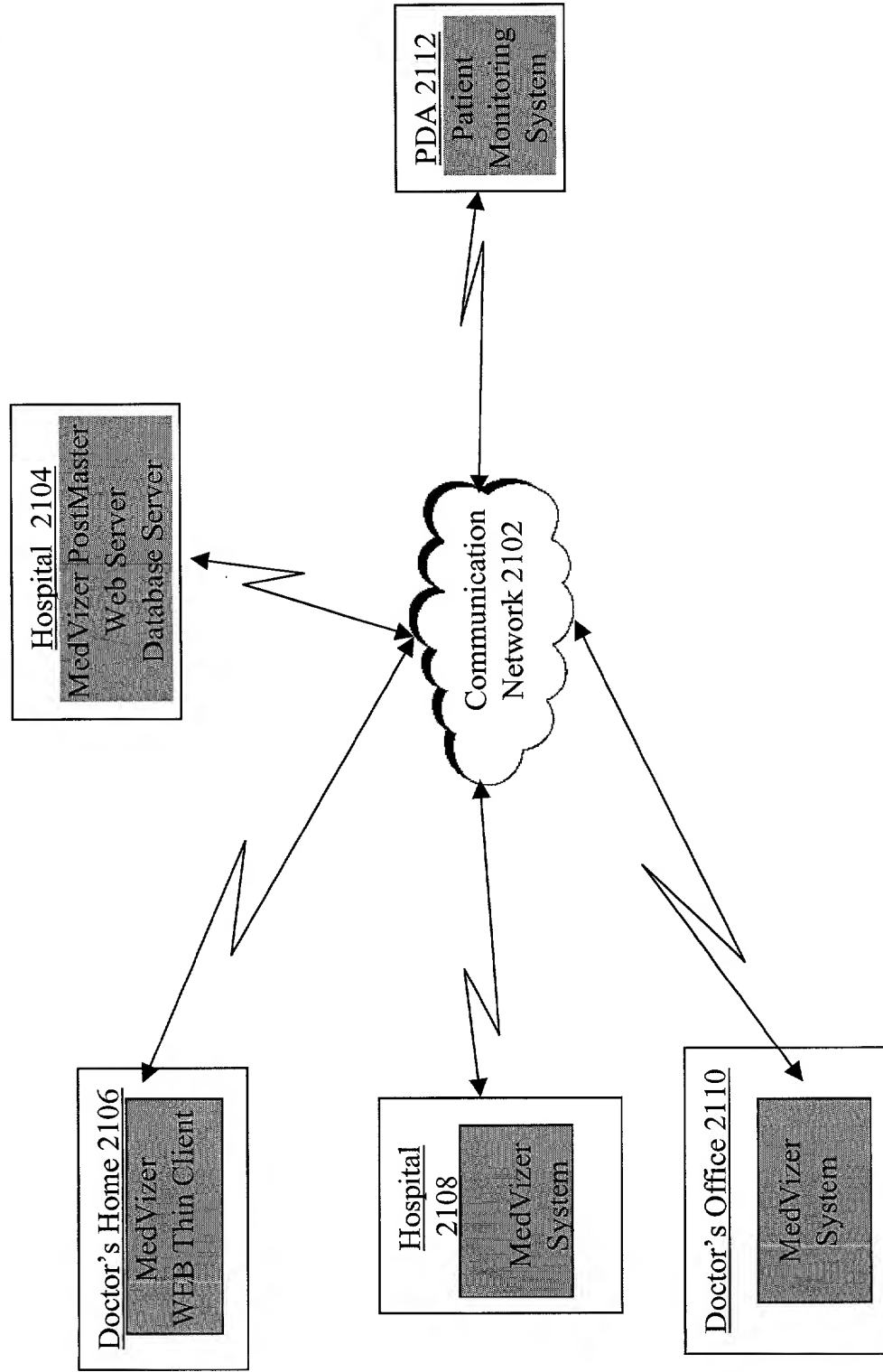


Global Medical Records System - FIGURE 35

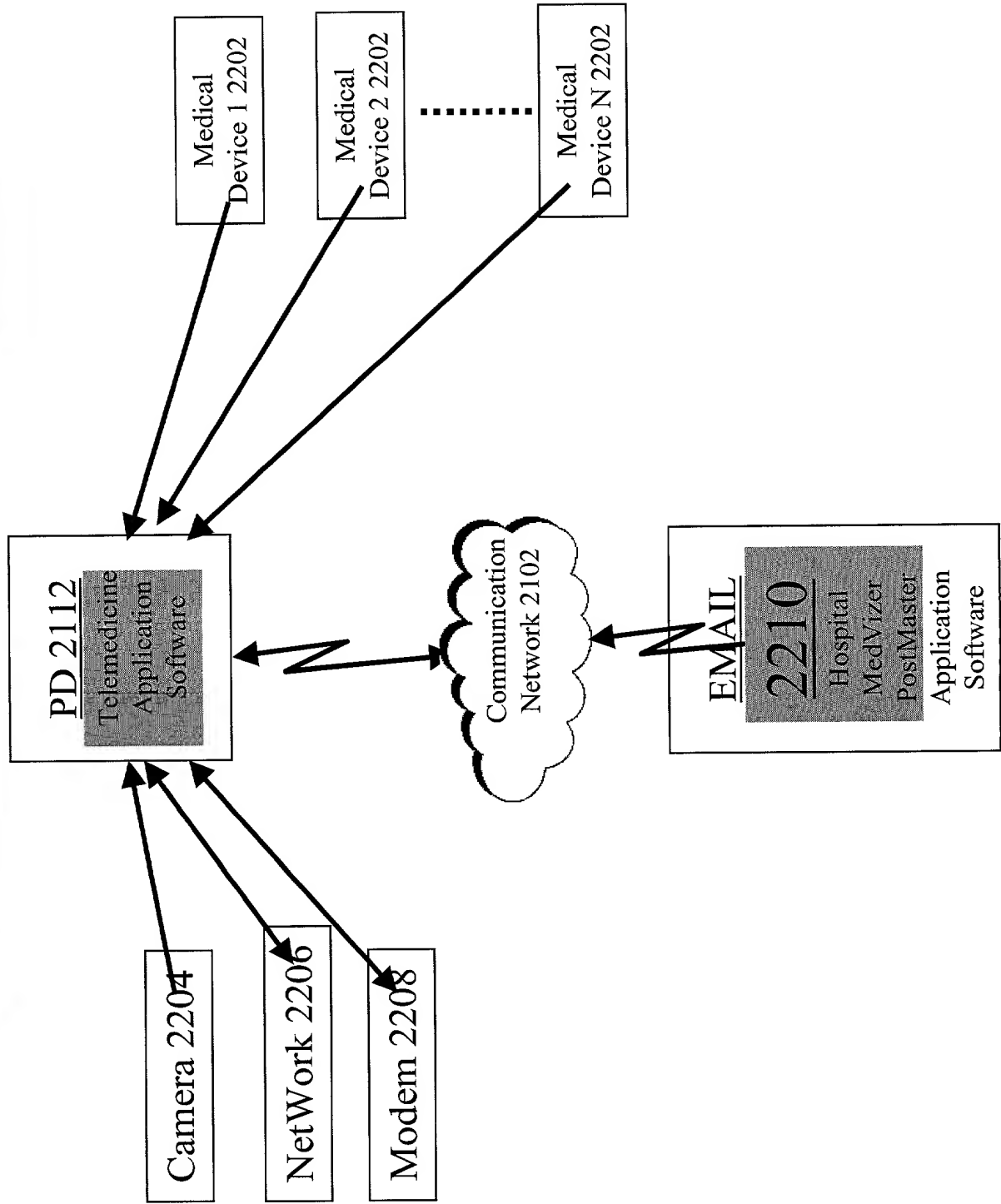
Global Medical Records System – FIGURE 35



**PD Complete Home Monitoring System – FIGURE 36**



## PD Home Monitoring System – FIGURE 37A





## PD Complete Home Monitoring System – FIGURE 37B

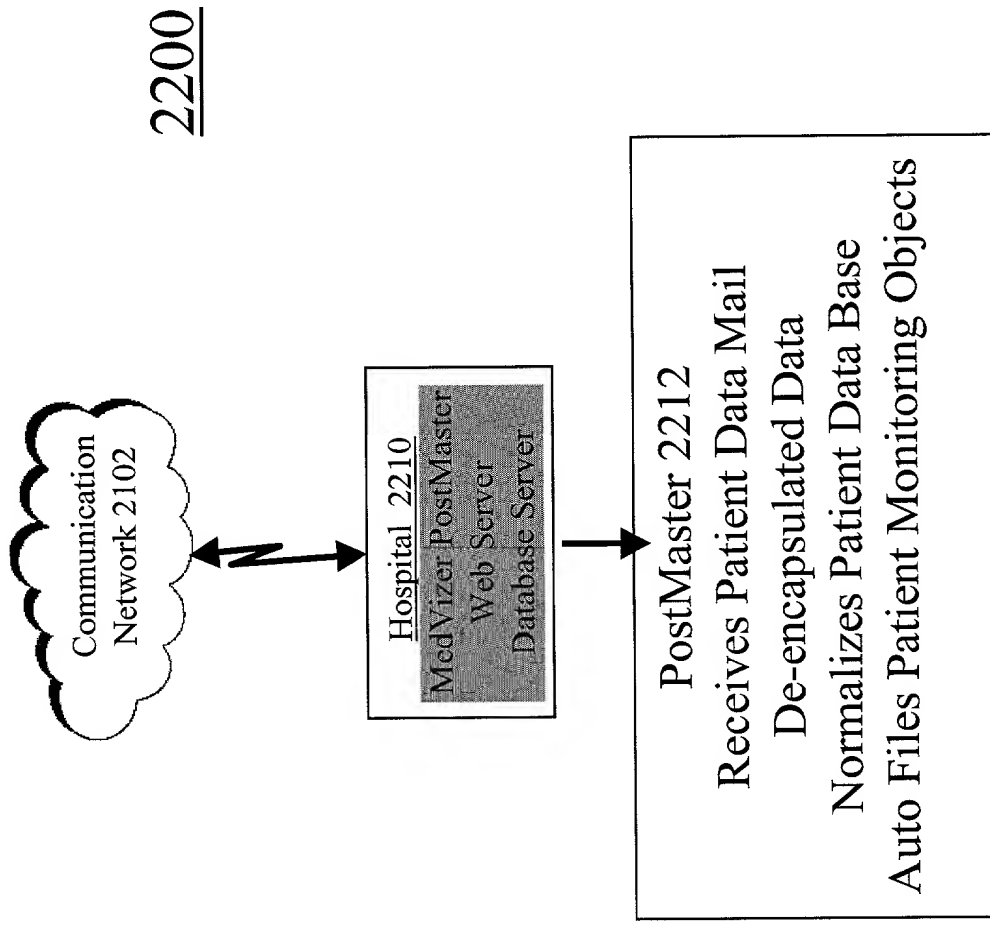


FIGURE 38

